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1 [A Location Model for Communicating and Processing of Context](#)

Michael Beigl, Tobias Zimmer, Christian Decker

January 2002 Personal and Ubiquitous Computing, Volume 6 Issue 5-6

Publisher: Springer-Verlag

Full text available: [Pdf](#) (312.21 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
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Location is one of the most important elements of context in ubiquitous computing. In this paper we describe a *location model*, a *spatial-aware communication model* and an *implementation* of the models that exploit location for processing ...

Keyw ords: Digital artefacts, Experiences, Guidelines, Location model, RAUM, Spatial-aware communication


2 Profiles for the situated web



Lalitha Suryanarayana, Johan Hjelm

May WWW '02: Proceedings of the 11th international conference on World Wide Web
2002 Web

Publisher: ACM

Full text available:  Pdf (263.89 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
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The World Wide Web is evolving into a medium that will soon make it possible for conceiving and implementing situation-aware services. A situation-aware or situated web application is one that renders the user with an experience (content, interaction ...


Keyw ords: CC/PP, XML, profiles, situated-aware applications, vocabulary, web architecture

3 People, places, things: web presence for the real world

Tim Kindberg, John Barton, Jeff Morgan, Gene Becker, Debbie Caswell, Philippe Debaty, Gita Gopal, Marcos Frid, Venky Krishnan, Howard Morris, John Schettino, Bill Serra, Mirjana Spasojevic

October Mobile Networks and Applications, Volume 7 Issue 5
2002

Publisher: Kluwer Academic Publishers

Full text available:  Pdf (248.58 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 121, Citation Count: 18

The convergence of Web technology, wireless networks, and portable client devices provides new design opportunities for computer/communications systems. In the HP Labs' "Cooltown" project we have been exploring these opportunities through an infrastructure ...

Keyw ords: location-aware computing, nomadic computing, physical-virtual linkage, ubiquitous computing, world wide web

4 [Architecture and performance of server-directed transcoding](#)



Björn Knutsson, Honghui Lu, Jeffrey Mogul, Bryan Hopkins

November 2003 ACM Transactions on Internet Technology (TOIT), Volume 3 Issue 4

Publisher: ACM

Full text available: Pdf (927.92 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 90, Citation Count: 5

Proxy-based transcoding adapts Web content to be a better match for client capabilities (such as screen size and color depth) and last-hop bandwidths. Traditional transcoding breaks the end-to-end model of the Web, because the proxy does not know the ...

Keywords: HTTP, proxy, transcode, web

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